

Title: METHOD FOR IMPROVING
HARD BIAS PROPERTIES OF LAYERS
IN A MAGNETORESISTIVE SENSOR
Applicants: Pinabasi, et al.
Docket: HJO920030026US2/HITG.053PA
Sheet 1 of 6

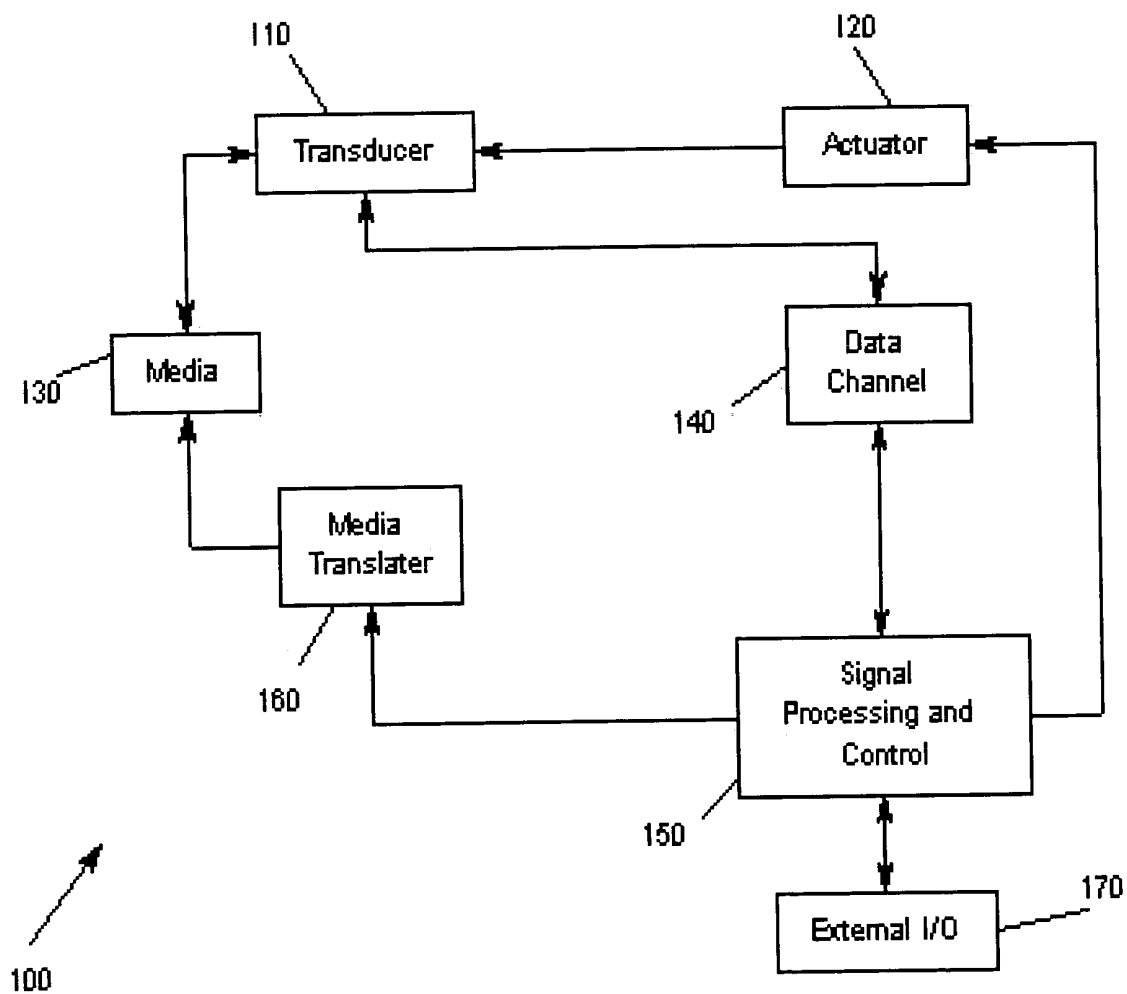


Fig. 1

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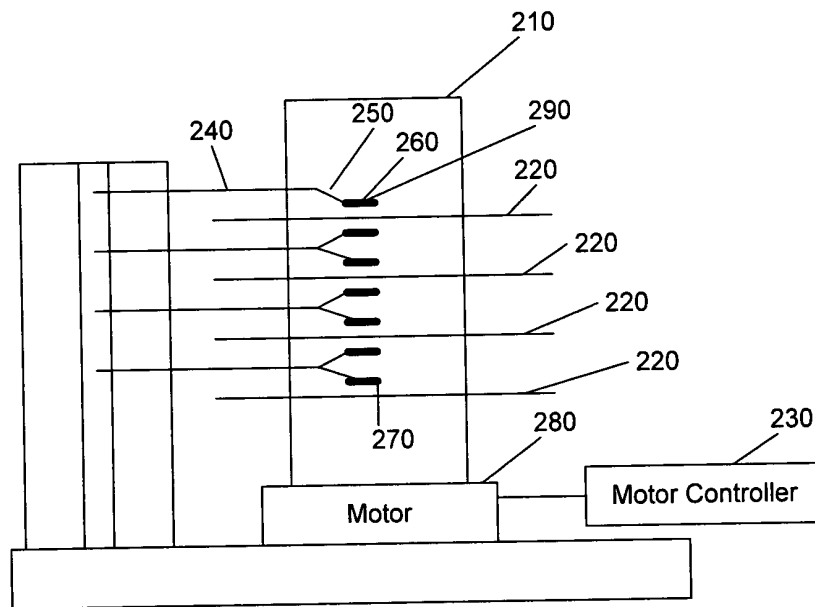
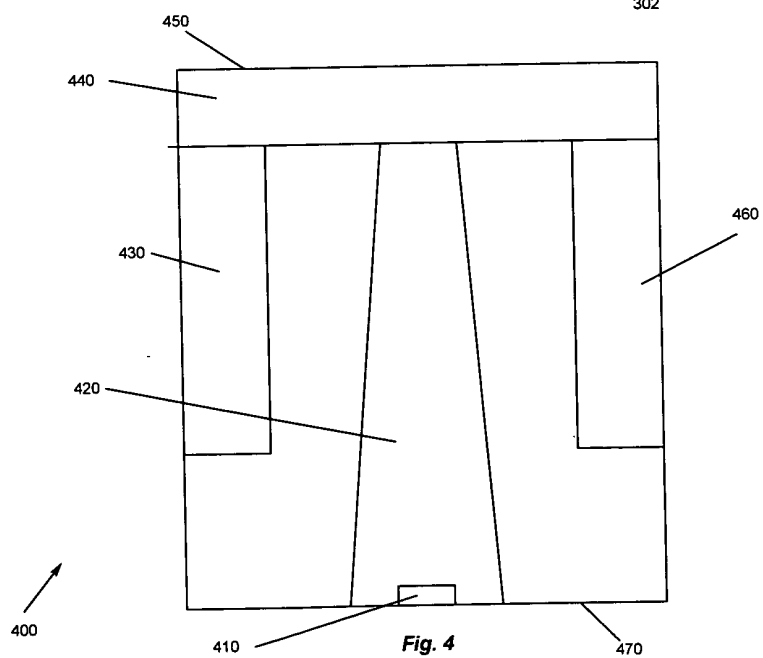
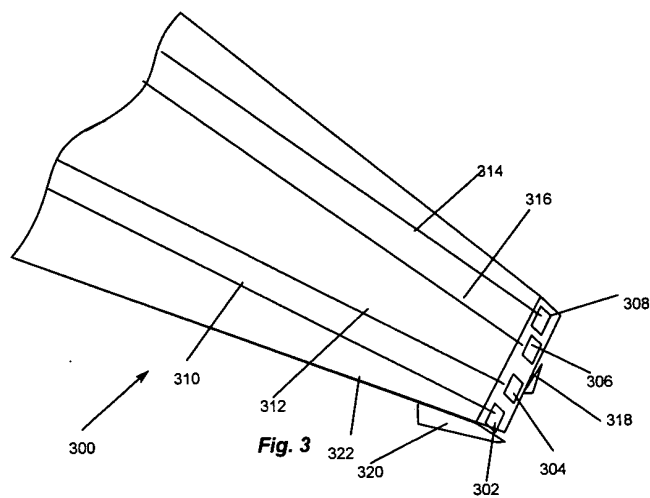


Fig. 2

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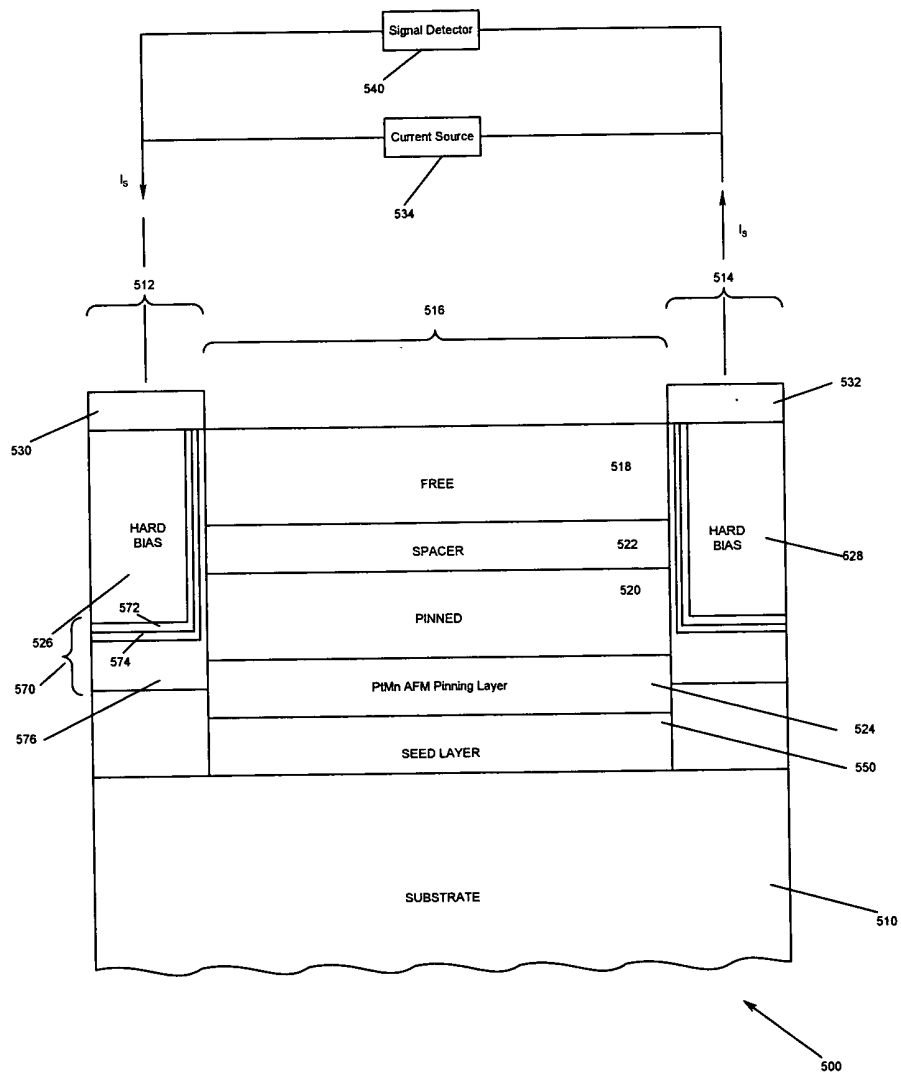


Fig. 5

600

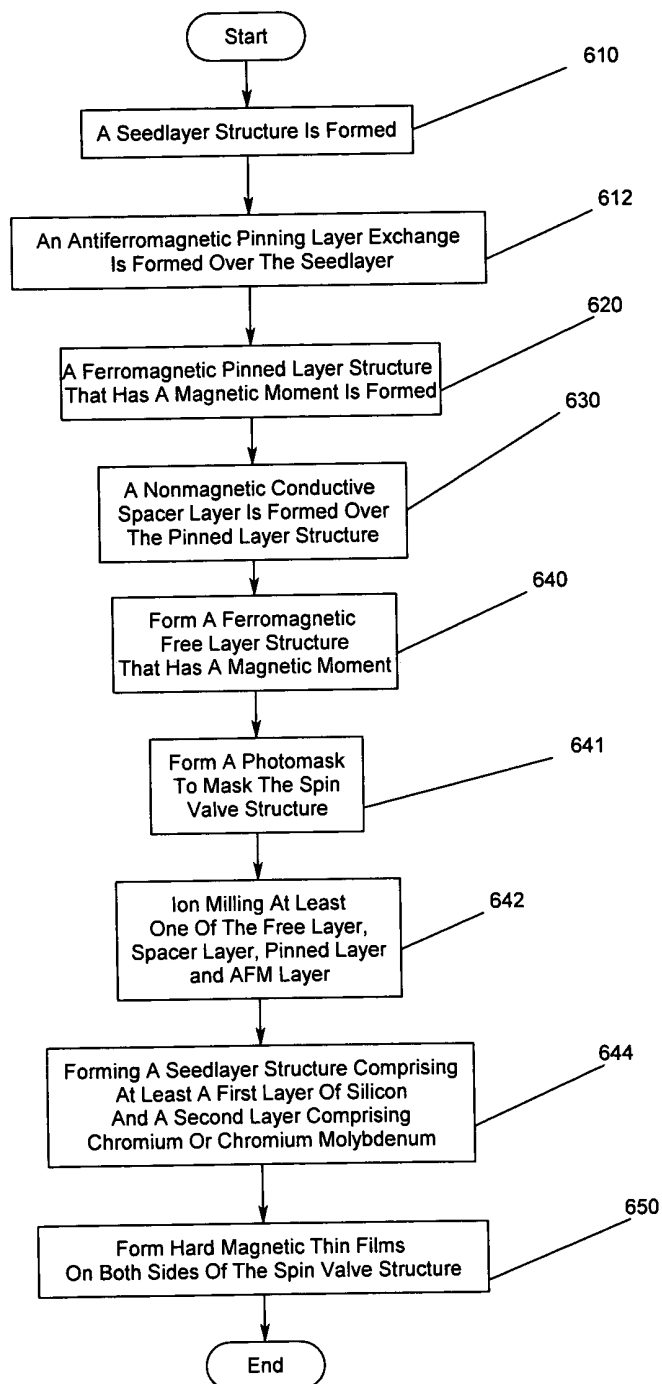


Fig. 6

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700

	710	712	714	716	718	720	722	724	726	728	730	732	734	736	738	740	742	744	746	748	750	752	754	756	758	760	762	764	766	768
Structure	1	2	3	4	5	6	7	8																						
Ta/Cr	-	-	5	10	5 (Cr)	10 (Cr)	5	10																						
Si	10	20	10	10	10	10	10	10																						
Cr/CrMo	50 (Cr)	50 (Cr)	50 (Cr)	50 (Cr)	50 (Cr)	50 (Cr)	50 (CrMo)	50 (CrMo)																						
CoPtCr	140	140	140	140	140	140	140	140																						
Rh	250	250	250	250	250	250	250	250																						
Ta	20	20	20		20	20	20	20																						
H _c	1448	1316	1360	1281	1335	1341	1484	1490																						
Sq	0.838	0.85	0.929	0.87	0.837	0.839	.964	0.931																						
	770	772	774	776	778	780	782	784																						
	771	773	775	777	779	781	783	785																						

Fig. 7